

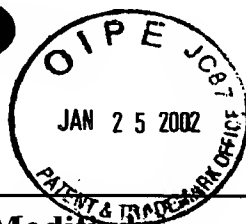
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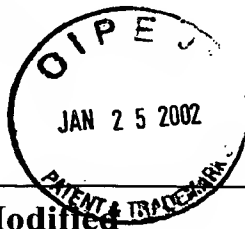
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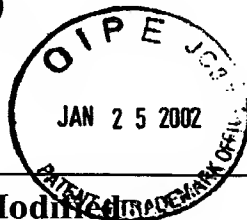
Form PTO-1449 Modified		Docket No. ABI-0034	Serial No. 09/998,887
List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Applicant Ian J. McLaughlin et al.	
		Filing Date October 31, 2001	Group Not yet assigned
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
JS	AA	Atha, D.H. et al., "Detection of p53 point mutations by single strand conformation polymorphism: Analysis by capillary electrophoresis," <i>Electrophoresis</i> , 1998 , 19, 172-179	
	AB	Baskaran, N. et al., "Uniform amplification of a mixture of deoxyribonucleic acids with varying GC content," <i>Genome Research</i> , 1996 , 6, 633-638	
	AC	Bradshaw, P.S. et al., "Fluorescent BAT-25 and BAT-26 analysis of T cell prolymphocytic leukaemia," <i>BTS Leukemia</i> , 1999 , 13, 2104-2106	
	AD	Bruford et al., "Microsatellites and their application to population genetic studies," <i>Curr Biol</i> , 1993 , 3, 939-943	
	AE	Bruland, O. et al., "Accurate determination of the number of CAG repeats in the Huntington disease gene using a sequence-specific internal DNA standard," <i>Clin Genet</i> , 1995 , 55(3), 198-202	
	AF	Chen et al. "Presence and instability of repetitive elements in sequences the altered expression of which characterizes risk for colonic cancer," <i>Cancer Res.</i> , 1995 , 55, 174-180	
	AG	Chevet, E. et al., "Low concentrations of tetramethylammonium chloride increase yield and specificity of PCR," <i>Nucl. Acids Res.</i> , 1995 , 23(16), 3343-3344	
	AH	Christensen, M. et al., "Comparasion of three methods of microsatellite detection," <i>Scand J Clin Lab Invest</i> , 1999 , 59 (3), 167-178	
	AI	Clark, J.M., "Novel non-templated nucleotide addition reactions catalyzed by procaryotic and eucaryotic DNA polymerases," <i>Nucleic Acid Research</i> , 1988 , 16, 9677-9686	
	AJ	Colburn, N.H. et al., "PCR-direct sequencing of GC-rich region by inclusion of 10% DMSO: application to mouse c-jun," <i>Biotechniques</i> , 1993 , 15(3), 372 and 374	
JS	AK	de la Chapelle, "Testing tumors for microsatellite instability," <i>Eur J. Hum. Genet.</i> , 1999 , 7, 407-408	
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JS	AL	Del Vecchio, P. et al., "The effects of polyols on the thermal stability of calf thymus DNA," <i>Int'l Jnl of Biol Macro</i> , 1999 , 24, 361-369	
	AM	Dimo-Simonin, N. et al., "Forensic validation of the short tandem repeat HUMACTBP2 using capillary electrophoresis," <i>Electrophoresis</i> , 1998 , 19(2), 256-61	
	AN	Edwards, A. et al., "DNA typing and genetic mapping with trimeric and tetrameric tandem repeats," <i>Am J. Hum. Genet</i> , 1991 , 49, 746-756	
	AO	Edwards, A. et al., "Genetic Variation at five trimeric and tetrameric tandem repeat loci in four human population groups," <i>Genomics</i> , 1992 , 12, 241-253	
	AP	Eichler, E.E. et al., "Length of uninterrupted CGG repeats determines instability in the FMR1 gene," <i>Nat Genet</i> , 1994 , 8, 88-94	
	AQ	Eichler, E.E., et al., "Haplotype and interspersed analysis of the FMR1 CGG repeat identifies two different mutational pathways for the origin of the fragile X syndrome," <i>Hum Mol Genet</i> , 1996 , 5(3), 319-330	
	AR	Frackman, S. et al., "Betaine and DMSO: Enhancing agents for PCR," <i>Promega Notes</i> , 65, 27-29	
	AS	Frazier, R.R.E. et al., "Validation of the applied biosystems Prism™ 377 automated sequencer for forensic short tandem repeat analysis," <i>Electrophoresis</i> , 1996 , 17(10), 1550-2	
	AT	Frégeau, C. et al., "DNA typing with fluorescently tagged short tandem repeats: A sensitive and accurate approach to human identification," <i>Biotechniques</i> , 1993 , 15(1), 100-119	
	AU	Fujigasaki, H. et al., "SCA12 is a Rare Locus for Autosomal Dominant Cerebellar Ataxia: a Study of an Indian Family," <i>Ann Neurol</i> , 2001 , 49 (1), 117-21	
	AV	Goldstein, D.B. et al., "Genetic absolute dating based on microsatellites and the origin of modern humans," <i>Proc Natl Acad Sci USA</i> , 1995 , 92, 6723-6727	
JS	AW	Hagelberg, E. et al., "Identification of the skeletal remains of a murder victim by DNA analysis," <i>Nature</i> , 1991 , 352, 427-429	
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	AY	Hauge, X.Y. et al., "A study of the origin of "shadow bands" seen when typing dinucleotide repeat polymorphisms by the PCR," <i>Human Molecular Genetics</i> , 1993, 2(4), 411-415	
	AZ	Henke, W. et al., "Betaine improves the PCR amplification of GC-rich DNA Sequences," <i>Nucleic Acids Research</i> , 1997, 25(19), 3957-3958	
	BA	Hengen, P.N. "Optimizing multiplex and LA-PCR with betaine," <i>TIBS</i> , 1997, 22, 225 and 226	
	BB	Hite, J.M. et al., "Factors affecting fidelity of DNA synthesis during PCR amplification of d(C-A) _n d(G-T) _n microsatellite repeats," <i>Nucleic Acids Research</i> 1996, 24(12), 2429-2434	
	BC	Ionov, Y. et al., "Ubiquitous somatic mutations in simple repeated sequences reveal a new mechanism for colonic carcinogenesis," <i>Nature</i> , 1993, 363, 558-561	
	BD	Khidiiatova IM et al., "A Study of Expansion and mutation rate of the CTG Repeat in the myotonic dystrophy gene," <i>Genetika</i> , 2000, 36(10), 1410-1413 (English Abstract Provided)	
	BE	Kovárová, M. et al., "New Specificity and yield enhancer of polymerase chain reactions," <i>Nucl. Acids Res.</i> , 2000, 28(13):e70	
	BF	Levinson, G. et al., "Slipped-strand mispairing: A Major mechanism for DNA sequence evolution," <i>Mol. Biol.Evol</i> , 1987, 4(3), 203-221	
	BG	LeProust, E.M. et al., "Unexpected Formation of Parallel Duplex in GAA and TTC Trinucleotide Repeats of Friedreich's Ataxia," <i>J Mol Biol</i> , 2000, 302(5), 1063-80	
	BH	Lin, T-Y. et al., "Why Do Some Organisms Use a Urea-methylamine Mixtures as Osmolyte? Thermodynamic Compensation of Urea and Trimethylamine N-Oxide Interactions with Protein," <i>Biochemistry</i> , 1994, 33, 12695-12701	
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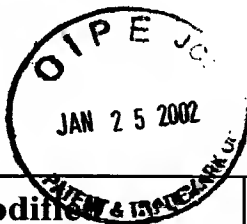


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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
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	BK	McDowell, D.G. et al., "Localised sequence regions possessing high melting temperatures prevent the amplification of a DNA mimic in competitive PCR," <i>Nucl. Acids Res.</i> , 1998 , 26(14), 3340-3347	
	BL	Müller, T. et al., "GCG repeats and phenotype in oculopharyngeal muscular dystrophy," <i>Muscle & Nerve</i> , 2001 , 24(1), 120-2	
	BM	Murray, V. et al., "The determination of the sequences present in the shadow bands of a dinucleotide repeat PCR," <i>Nucleic Acids Research</i> , 1993 , 21(10), 2395-2398	
	BN	Mytelka, D.S. et al., "Analysis and suppression of DNA polymerase pauses associated with a trinucleotide consensus," <i>Nucleic Acids Research</i> , 1996 , 24(14), 2774-2781	
	BO	Notomi, T. et al., "Loop-mediated isothermal amplification of DNA," <i>Nucl. Acids Res.</i> , 2000 , 28(12):63e	
	BP	Odelberg, S.J. et al., "A method for accurate amplification of polymorphic CA-repeat sequences," <i>PCR Methods and Applications</i> , 1993 , 7-12	
	BQ	Orosz, J.M. et al., "DNA melting temperatures and renaturation rates in concentrated alkylammonium salt solutions," <i>Biopolymers</i> , 1977 , 16, 1183-1199	
	BR	Papp, A.C. et al., "Strategies for amplification of trinucleotide repeats: Optimization of fragile X and androgen receptor PCR," <i>Molecular Diagnosis</i> , 1996 , 1(1), 59-64	
	BS	Parsons, R. et al., "Microsatellite instability and mutations of the transforming growth factor β type II receptor gene in colorectal cancer," <i>Cancer Res</i> , 1995 , 55, 5548-5550	
	BT	Potaman, V.N., "Prevention of unexpectedly long PCR products primed at short inverted repeats," <i>Biotechniques</i> , 1999 , 27, 1110, 1112 and 1114	
JB	BU	Primmer, C.R. et al., "Resolving genetic relationships with microsatellite markers: a parentage testing system for the swallow <i>Hirundo rustica</i> ," <i>Mol Ecol.</i> , 1995 , 4, 493-498	
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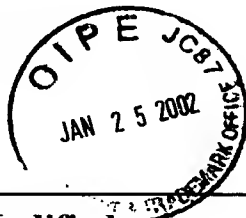


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JS	BV	Pyatt, R. et al., "Polymorphic Variation at the BAT-25 and BAT-26 Loci in Individuals of African Origin," <i>Am J. Pathol.</i> , 1999 , 155(2), 349-353
	BW	Liu, Q. et al., "Subcycling-PCR for multiplex long-distance amplification of regions with high and low GC content: application to the inversion hotspot in the factor VIII gene," <i>Biotechniques</i> , 1998 , 25, 1022-1028
	BX	Rajendrakumar, C.S.V. et al., "DNA helix destabilization by proline and betaine: possible role in the salinity tolerance process," <i>FEBS Letters</i> , 1997 , 410, 201-205
	BY	Rees, W.A. et al., "Betaine can eliminate the base pair composition dependence of DNA melting," <i>Biochemistry</i> , 1993 , 32, 137-144
	BZ	Rouba, A. et al, "Patterns of allelic loss at the <i>BRCA1</i> locus in Arabic women with breast cancer," <i>Int J Mol Med</i> , 2000 , 6(5), 565-9
	CA	Schweitzer, B. et al., "Immunoassays with rolling circle DNA amplification: A versatile platform for ultrasensitive antigen detection," <i>PNAS</i> , 2000 , 97(18), 10113-10119
	CB	Stewart, I. "Symmetry and chaotic data," <i>Nature</i> , 1991 , 354, 113
	CC	Tahir, M.A. et al., "DNA typing of samples for polymarker, DQA1, and nine STR loci from a human body exhumed after 27 years," <i>J Forensic Sci</i> , 2000 , 45(4), 902-7
	CD	Tautz, D., et al., "Cryptic simplicity in DNA is a major source of genetic variation," <i>Nature</i> , 1986 , 322, 652-656
	CE	Weber, J.L. "Informativeness of human (dC-dA) _n · (dG-dT) _n polymorphisms," <i>Genomics</i> , 1990 , 7, 524-530
	CF	Weissensteiner, T. et al., "Strategy for controlling preferential amplification and avoiding false negatives in PCR typing," <i>Biotechniques</i> , 1996 , 21(6), 1100-1108
	CG	Wenz, H. et al., "High-precision genotyping by denaturing capillary electrophoresis," <i>Genome Res.</i> , 1998 , 8, 69-80
JS	CH	Zhou et al., "Allelic profiles of mononucleotide repeat microsatellites in control individuals and in colorectal tumors with and without replication errors," <i>Oncogene</i> , 1997 , 15, 1713-1718

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*	<i>JS</i>	CI	Ausubel et al., Current Protocols in Molecular Biology, Molecular Cloning, A Laboratory Manual (3 rd ed), <i>John Wiley & Sons</i> , New York, 1998
*		CJ	Ausubel et al., Current Protocols In Molecular Biology, <i>John Wiley & Sons</i> , 2001
*		CK	Kaufman et al., Eds., Directed Mutagenesis: A Practical Approach, <i>IRL Press</i> , 1991
*		CL	Kaufman et al., Eds., Handbook of Molecular and Cellular Methods in Biology and Medicine, CRC Press, Boca Raton, 1995
*		CM	McPherson, Ed., Directed Mutagenesis: A Practical Approach, <i>IRL Press</i> , Oxford, 1991
*		CN	Mullis, K.B. et al., Eds., The Polymerase Chain Reaction, Birkhause, Boston, 1994
*	<i>JS</i>	CO	Sambrook, J., et al., Eds, Molecular Cloning: A Laboratory Manual (3 rd Ed), 2001

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* A copy of these references will not be forwarded to the U.S. Patent and Trademark Office since they are believed to be too voluminous and easily obtainable by the Examiner.

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Applicant
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Group
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U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
JS	CP	5,545,539	08/13/96	Miller	435	91.2
	CQ	5,364,759	11/15/94	Caskey et al.	435	6
	CR	5,580,728	12/03/96	Perlin	435	6
	CS	5,846,716	12/08/96	Miller	435	6
JS	CT	6,156,512	12/05/00	Schumm et al.	435	6

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Examiner Initial		Document No.	Date	Country	Translation YES NO	
JS	CU	DE 44 11 588 C1	09/28/95	Germany	—	X (abstract)
JS	CV	WO 99/46400	09/16/99	PCT	—	✓
EXAMINER <i>Jeffrey L. ...</i>				DATE CONSIDERED <i>4/17/03</i>		